

CHEVRON PHILLIPS CHEMICAL CO. CEDAR BAYOU PLANT
BAYTOWN, TEXAS

Chevron Phillips Chemical Co. Cedar Bayou Plant of Baytown, Texas makes ethylene, propylene, normal alpha olefins, poly alpha olefins, polyethylene, and acetylene black. The facility received the 2000 Texas Chemical Council's "Excellence in Caring for Texas" Award.

ENVIRONMENTAL
PERFORMANCE

Past Accomplishments

AT A GLANCE:

Industry Sector:	NAICS 325199, 325211
Business:	Chemical manufacturing.
Employees:	more than 1,000
Accomplishments:	Reduced emissions of VOCs Reduced vulnerability for release
Commitments:	Reduce nutrient discharges to water Reduce hazardous solid waste Reduce emissions of VOCs Reduce emissions of SO ₂
Address:	9500 I-10 East, Exit 796 Baytown, TX 77521-9570
Website:	www.insidecpchem.net

Chevron Phillips Chemical Co. Cedar Bayou Plant has demonstrated its commitment to environmental performance through reducing emissions of VOCs and vulnerability for release. Since 1999 the facility has:

- **Reduced emissions of fugitive VOCs** by 97% through using fugitive release monitoring and maintenance to reduce leaks from pipe connectors in two process units.
- **Reduced vulnerability for release** by 10,000 gallons by switching from anhydrous ammonia storage and use to aqueous ammonia.
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Future Commitments

Chevron Phillips Chemical Co. Cedar Bayou Plant is working to reduce discharges of nutrients to water, hazardous solid waste, emissions of VOCs, and emissions of SO₂. By 2004 the facility will:

- **Reduce discharges of nutrients to water** by 50% through reducing ammonia in the biological water treatment system.
- **Reduce hazardous solid waste** by 1,800 tons through a process change that will eliminate the use of slop oil in one polyethylene unit.
- **Reduce emissions of VOCs** by 14 tons by recovering gas that is currently being flared.
- **Reduce emissions of SO₂** by 95% through implementing a new procedure to treat spent caustic by wet air oxidation.

COMMUNITY OUTREACH

Facility personnel are available 24 hours a day to respond to emergency concerns and also participate in a community advisory panel. The panel and the local newspaper are used to inform community members of issues that affect them. The annual performance report will be available to all facility visitors and at the facility's website, www.insidecpchem.net.